Stat. 2498, dated July 31, 1909; Presidential Proclamation No. 1435, 40 Stat. 1760, dated March 18, 1918; the Act of November 19, 1919, 41 Stat. 356; Executive Order No. 4181, dated March 24, 1925; Executive Order No. 5037, dated January 28, 1929; the Act of June 13, 1930; 46 Stat. 582; Presidential Proclamation No. 2221, 50 Stat. 1809, dated January 22, 1937; the Act of July 11, 1956, 70 Stat. 527; the Act of February 20, 1960, 74 Stat. 4; the Antiquities Act of June 8, 1906, 59 Stat. 225, 16 U.S.C. § 431; the Act of October 21, 1976, 90 Stat. 2732; and the National Park Service Establishment Act, 64 Stat. 535, 16 U.S.C. § 1. The purposes and uses of the reserved water rights include the preservation of extraordinary examples of canyon erosion, preservation of the area for scientific research, protection of objects of historic and scientific interest and, pursuant to the National Park Service Establishment Act, conservation of "the scenery and the natural and historic objects and the wild life therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations." 16 U.S.C. § 1. Accordingly, for enforcement purposes, the federal reserved water right for Zion National Park shall be deemed to comprise those waters in the Virgin River Basin as set forth in Article I.A. and I.B., less those quantities subject to the subordinations 18 set forth below. The federal reserved water rights recognized hereby include all 19 water rights of every nature and description derived from the reserved water rights 20 doctrine, from all sources of water, both surface and underground, and includes all 21

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